Oblon, Spivak, et al. 703-413-3000 Docket # 283729US0X PCT Sheet 1 of 18

Fig. 1

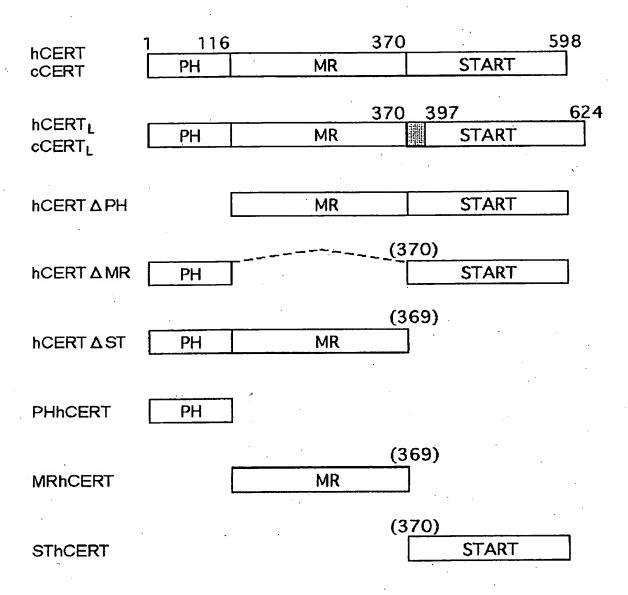


Fig. 2

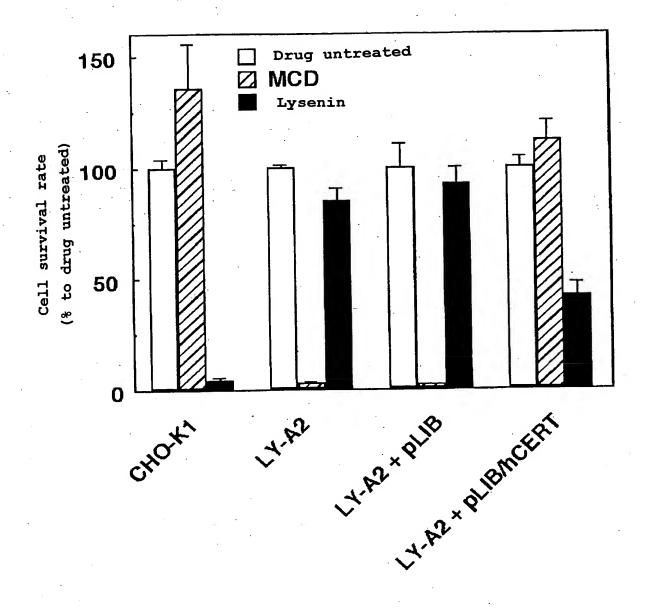
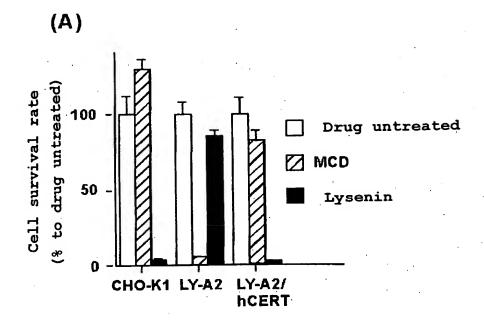
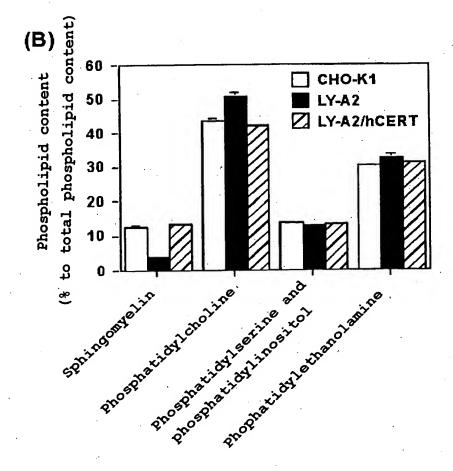


Fig. 3





Oblon, Spivak, et al. 703-413-3000 Docket # 283729US0X PCT Sheet 4 of 18

## Fig. 4

(A) (B)
[14C] serine labeling [14C] choline labeling

ceramide.

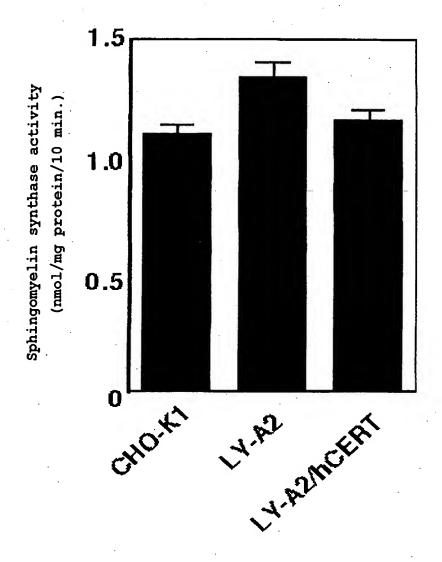
glucosylceramide -

Phophatidyl ethanolamine Phosphatidyl choline

Phosphatidylserine Sphingomyelin lyso-phosphatidyl choline

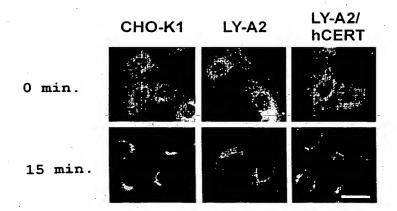
CHOK TARRERT CHOK TARRERT

Fig. 5



Oblon, Spivak, et al. 703-413-3000 Docket # 283729US0X PCT Sheet 6 of 18

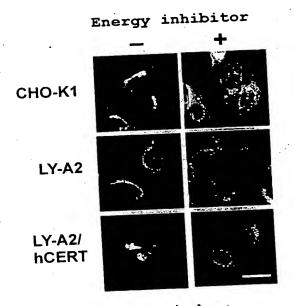
Fig. 6



scale index , 20 µm

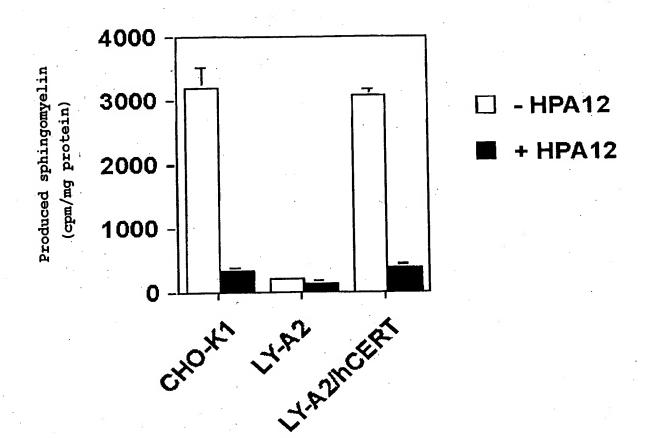
Oblon, Spivak, et al. 703-413-3000 Docket # 283729US0X PCT Sheet 7 of 18

Fig. 7

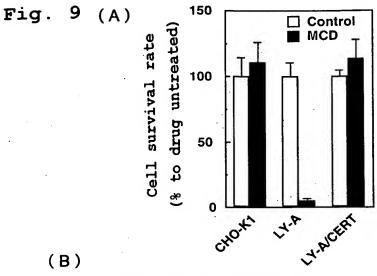


Oblon, Spivak, et al. 703-413-3000 Docket # 283729US0X PCT Sheet 8 of 18

Fig. 8



Oblon, Spivak, et al. 703-413-3000 Docket # 283729US0X PCT Sheet 9 of 18



[14C] serine labeling

[14C] choline labeling

ceramide -

glucosylceramide -

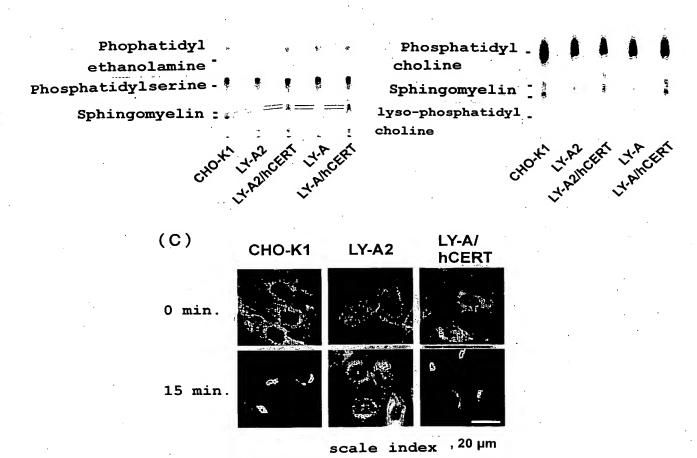
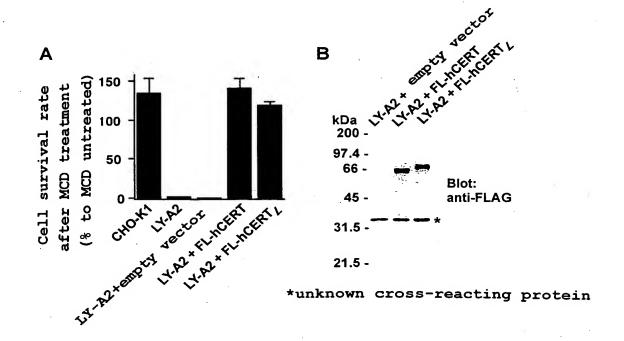


Fig. 10



Oblon, Spivak, et al. 703-413-3000 Docket # 283729US0X PCT Sheet 11 of 18

Fig. 11

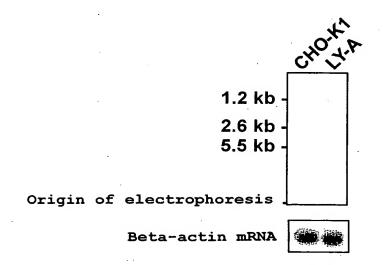


Fig. 12

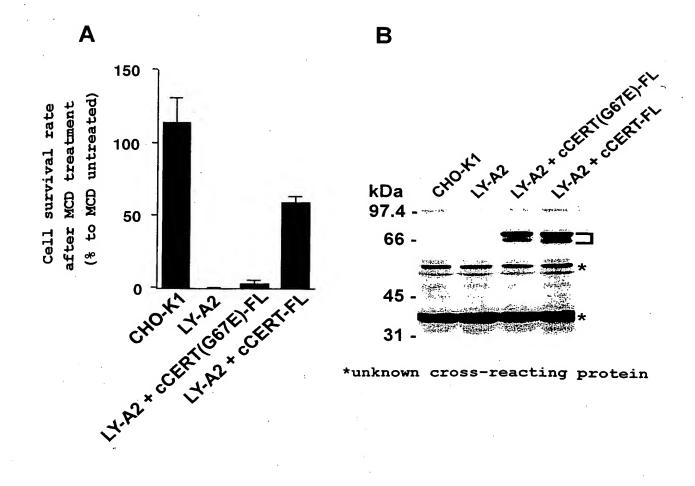
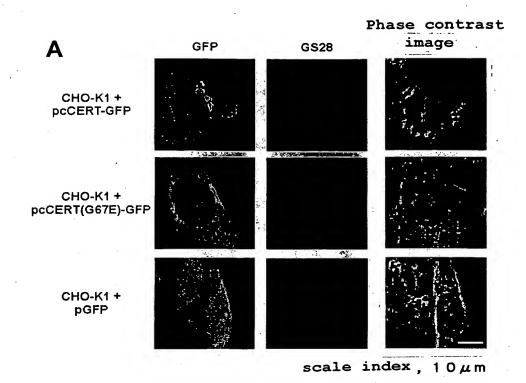


Fig. 13



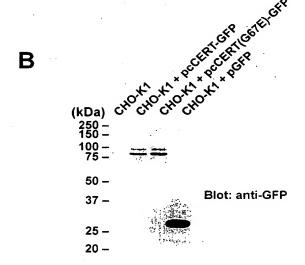


Fig. 14

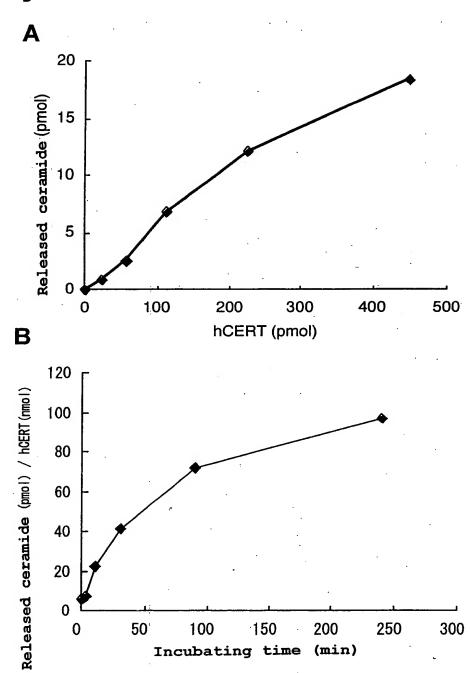
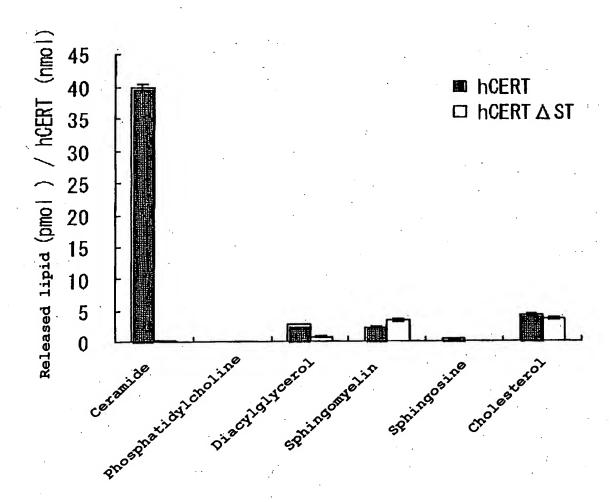


Fig. 15



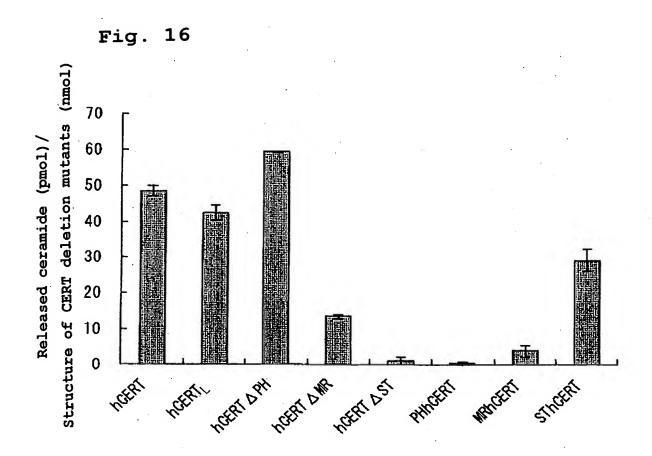


Fig. 17

